SERIAL NO.: FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. 119941 - 1083 09/703,809 (REV. 7.80) PATENT AND TRADEMARK OFFICE (Use several steets if necessary) APPLICANT: Jeff L. DeJong GROUP: 1652 FILING DATE: October 30, 2000 U. S. PATENT DOCUMENTS CLASS SUBCLASS FILING DATE DOCUMENT NUMBER DATE NAME *EXAMINER (if INITIAL appropriate) 435 183 07/11/97 5,888,702 03/30/00 Bandman, et al. RN 5,652.117 07/29/97 Moore, et al. 435 69.1 04/11/95 435 69.1 04/03/96 04/06/99 5,891,666 Matsuyama, et al. 04/07/97 5,891,720 04/06/99 Moore, et al. 435 325 RECEIVED FEB 14 7001 TECH CENTER 1600/2900 OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) 11/21/07 DATE CONSIDERED EXAMINER *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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GROUP: 1652

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Marilyn kozak, "Compilation and Analysis of Sequences Upstream from the Translational Start Site in Eukaryotic mRNAs," Nucleic Acids Research, Volume 12, Number 2, 1984, pp. 857-572. Thomas A. Grigliatti, Linda Hall, Raja Rosenbluth and David T. Suzuki, "Temperature-Sensitive Mutations in Drosophila melanogaster XIV, A Selection of Immobile Adults," Molec. Gen. Genet. 120, 1973, pp. 107-114. Christian A. Weideman, Robert C. Netter, Lawrence R. Benjamin, John J. McAllister, Lumelle A. Schmiedekamp, Rober A. Coleman and B. Franklin Pugh, "Dynamic Interplay of TFIIA, TBP and TATA DNA," J. Mol. Biol., 271, 1997, pp. 61-75.		
Drosophila melanogaster XIV, A Selection of Immobile Adults," Molec. Gen. Genet. 120, 1973, pp. 107-114. Christian A. Weideman, Robert C. Netter, Lawrence R. Benjamin, John J. McAllister, Lumelle A. Schmiedekamp, Robert A. Coleman and B. Franklin Pugh, "Dynamic Interplay of TFIIA, TBP and TATA DNA," J. Mol. Biol., 271, 1997, pp. 61-75.		
A. Coleman and B. Franklin Pugh, ``Dynamic Interplay of TFIIA, TBP and TATA DNA,'' J. Mol. Biol., 271, 1997, pp. 61-75.		
	t	
Jeffrey A. Ranish, William S. Lane and Steven Hahn, `Isolation of Two Genes That Encode Subunits of the Yeast Transcription Factor IIA," Reports, January 17, 1992, pp. 1127-1128.		
Tetsuro kokubo, Mark J. Swanson, Jun-Ichi Nishikawa, Alan G. Hinnebusch and Yoshihiro Nakatani, ``The Yeast TAF145 Inhibitory Domain and TFIIA Competitively Bind to TATA-Binding Protein,'' Molecular and Cellular Biology, February 1998, Volume 18, No. 2, pp. 1003-1012.		
James H, Keen, ``Clathrin and Associated Assembly and Disassembly Proteins," Annu. Rev. Biochem., 1990, pp. 415-438.		
John J. Chicca II, David T. Auble and B. Franklin Pugh, ``Cloning and Biochemical Characterization of TAF-172, a Human Homolog of Yeast Mot1,'' Molecular and Cellular Biology, March 1998, Volume 18, No. 3, pp. 1701-1710.		
Dong Kun Lee, Jeff DeJong, Shigeru Hashimoto, Masami Horikoshi and Robert G. Roeder, ``TFIIA Induces Conformational Changes in TFIID via Interactions with the Basic Repeat,'' Molecular and Cellular Biology, November 1992, Volume 12, No. 11, pp. 5189-5196.		
Richard Bernstein, Jeff DeJong and Robert G. Roeder, ``Characterization of the Highly Conserved TFIIA Small Subun from Drosophila Melanogaster,'' The Journal of Biological Chemistry, September 30, 1994, Volume 269, No. 39, pp. 24361-24366.	it	
Jennifer Hirst and Margaret S. Robinson, ``Clathrin and Adaptors,'' Biochimica et Biophysica Acta 1404, 1998, pp. 173-193.		
George Orphanides, Thierry Lagrange and Danny Reinberg, ``The General Transcription Factors of RNA Ppolymerase II," Genes and Development, 1996, pp. 2657-2683.		
Yasuhiro Nakayama, Mark Goebl, Betsy O'Brine Greco, Sandy Lemmon, Elizabeth Pingchang Chow and Tomas Kirchhausen, ``The Medium Chains of the Mammalian Clathrin-Associated Proteins Have a Homolog in Yeast,'' J. Biochem, 1991, pp 569-574.		
Christophe Thurieau, Jurgen Brosius, Cindy Burne, Pierre Jolles, James H. Keen, Robert J. Mattaliano, E. Pingchan Chow, Kuzhal L. Ramachandran and Tomas Kirchhausen, "Molecular Cloning and Complete Amino Acid Sequence of AP50, an Assembly Protein Associated with Clathrin-Coated Vesicles," DNA, Volume 7, Number 10, 1998, pp. 663-669.	g	

EXAMINER

Jun.

DATE CONSIDERED

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTY. DOCKET NO.119941-1083 SERIAL NO.:09/703.809 FORM PTO-1449 OF COMMERCE (REV. 7.80) DEMARK OFFICE APPLICANT: Jeff L. DeJong GROUP: 1652 10/30/2000 LIST OF PRIOR ART CITED BY APPLICANT FILING DATE: (Use several sheets if necessary) OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) James H. Geiger, Steve Hahn, Sally Lee and Paul B. Sigler, ``Crystal Structure of the Yeast TFIIA/TBP/DNA RIL Complex, '' Science, Volume 272, May 10, 1996, pp. 830-836. Justen Andrews, Michiko Smith, John Merakovsky, Michelle Coulson, Frances Hannan and Leonard E. Kelly, The Stoned Locus of Drosophila melanogaster Produces a Dicistronic Transcript and Encodes Two Distint Polypeptides," Genetics, August 1996, pp. 1699-1711. Weidong Wang, Jay D. Gralla and Michael Carey, ``The Acidic Activator GAL4-4H Can Stimulate Polymerase II Transcription by Promoting Assembly of a Closed Complex Requiring TFIID and TFIIA, "Genes and Development, 1992, pp. 1716-1727. Paul M. Lieberman and Arnold J. Berk, ``A Mechanism for TAFs in Trancriptional Activation: Activation Domain Enhancement of TFIID-TFIIA-Promoter DNA Complex Formation," Genes & Development, 1994, pp. 995-1006. Katayoon H. Emami, Anjali Jain and Stephen T. Smale, ``Mechanism of Synergy Between TATA and Initiator: Synergistic Binding of TFIID Following a Putative TFIIA-Induced Isomerization,'' Genes & Development, 1997, pp. 3007-3019. Tianhuai Chi and Michael Carey, "Assembly of the Isomerized TFIIA, TFIID-TATA Ternary Complex is Necessary and Sufficient for Gene Activation," Genes & Development, 1996, pp. 2540-2550. Bejamin M. Shykind, Jaesang Kim and Phillip A. Sharp, ``Activation of the TFIID-TFIIA Complex with HMG-2,'' Genes & Development, 1995, pp. 1354-1365. David T. Auble, Karin E. Hansen, Chris G.F. Mueller, William S. Lane, Jeremy Thorner and Steven Hahn, ``Mot1, a Global Repressor of RNA Polymerase II Transcription, Inhibits TBP Binding to DNA by an ATP-Dependent Mechanism," Genes & Development, 1994, pp. 1920-1934. Josef Ozer, Paul A. Moore, Arthur H. Bolden, Arianna Lee, Craig A. Rosen and Paul M. Lieberman, `Molecular Cloning of the Small (y) Subunit of Human TFIIA Reveals Functions Critical for Activated Transcription," Genes & Development, 1994, pp. 2324-2335. Xiaoqing Sun, Dongmin Ma, Michael Sheldon, Jam Yeung and Danny Reinberg, `Reconstitution of Human TFIIA Activity from Recombinant Polypeptides: A Role in TFIID-Mediated Transcription," Genes and Development, 1994, pp. 2336-David T. Auble and Steven Hahn, ``An ATP-Dependent Inhibitor of TBP Binding to DNA,'' Genes & Development, 1993, Jeff DeJong and Robert G. Roeder, "A Single eDNA, hTFIIA/a, Encodes Both the P35 and p19 Subunits of Human TFIIA, '' Genes & Development, 1993, pp. 2220-2234. Kyoko Yokomori, Arie Admon, James A. Goodrich, Jin-Long Chen and Robert Tjian, "Drosophila TFIIA-L is Processed Rや Into Two Subynits that are Associated with the TBP/TAF Complex," Genes & Development, 1993, pp. 2235-2245.

EXAMINER

DATE CONSIDERED

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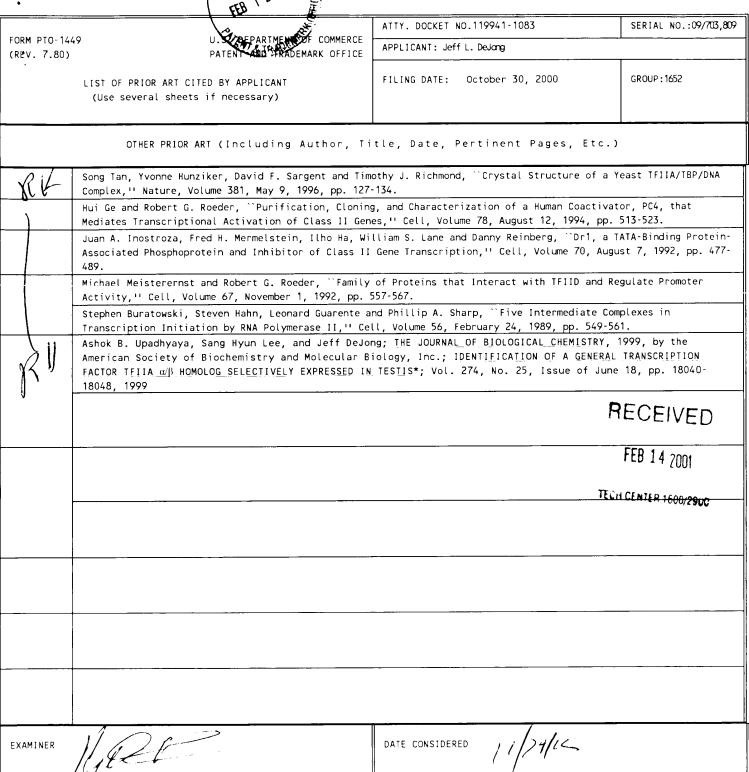
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GROUP: 1652

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

KV	Dongmin Ma, Hajime Watanabe, Fred Memelstein, Arie Admon, Kiyoshi Oguri, Ziaoqing Sun, Tadashi Wada, Takeshi Imai, Toshifumi Shiroya, Danny Reinberg and Hiroshi Handa, `Isolation of a cDNA Encoding the Largest Subunit of TFIIA Reveals Functions Important for Activated Transcription," Genes & Development, 1993, pp. 2246-2257.		
	Robert G. Roeder, ``The Role of General Initiation Factors in Transcription by RNA Polymerase II,'' Elsevier Science Ltd. 1996, pp. 327-335.		
	Nikolai C Kirov, Paul M. Lieberman and Christine Rushlow, `The Transcriptional Corepressor DSP1 Inhibits Activated transcription by Disrupting TFIIQ TBP Complex Formation, The EMBO Journal, Volume 15, No. 24, 1996, pp. 7079-7087.		
	Jeff DeJong, Richard Bernstein and Robert G. Roeder, "Human General Transcription Factor TFIIA: Characterization of a cDNA Encoding the Small Subunit and Requirement for Basal and Activated Transcription," Proc. Natl, Acad. Sci., Volume 92, April 1995, pp. 3313-3317.		
	Dongmin Ma, Ivan Olave, Alejandro Merino and Danny Reinberg, "Separation of the Transcriptional Coactivator and Antirepression Functions of Transcription Factor IIA," Proc. Natl. Acad. Sci., June 1996, Volume 93, pp. 6583-6588.		
	Josef Ozer, Arthur H. Bolden and Paul M. Lieberman, ``Transcription Factor IIA Mutations Show Activator-Specific Defects and Reveal a IIA Function Distinct from Stimulation of TBP-DNA Binding,'' The Journal of Biological Chemisty, Volume 271, No. 19, May 10, 1996, pp. 11182-11190.		
	Josef Oser, Katherine Mitsouras, Dennis Zerby, Michael Carey and Paul M. Lieberman, ``Transcription Factor IIA Derepresses TATA-Binding Protein (TBP)-Associated Factor Inhibition of TBP-DNA Binding,'' The Journal of Biological Chemisty, Volume 273, No. 23, 1998, pp. 14293-14300.		
	Hui Ge and Robert G. Roeder, `The High Mobility Group Protein HMG1 Can Reversibly Inhibit Class II Gene Transcription by Interaction with the TATA-Binding Protein," The Journal of Biological Chemistry, Volume 269, No. 25, June 24, 1994, pp. 17136-17140.		
	Anthony N. Imbalzano, Kenneth S. Zaret and Robert E. Kingston, "Transcription Factor (TF) IIB and TFIIA Can Independently Increase the Affinity of the TATA-Binding Protein for DNA," The Journal of Biological Chemistry, Volume 269, No. 11, March 18, 1994, pp. 8280-8286.		
	R. Wilson, et al., ``2.2Mb of Contiguous Nucleotide Sequence from Shromosome III of C. Elegans,'' Nature, Volume 368, March 3, 1994, pp. 32-38.		
	Thomas Oelgeschlager, Cheng-Ming Chiang and Robert G. Roeder, `Topology and Reorganization of a Human TFIID - Promoter Complex,' Nature, Volume 382, August 22, 1996, pp. 735-738.		
ry y	Alejandro Merino, Knut R. Madden, William S. Lane, James J. Champoux and Danny Reinberg, "DNA Topoisomerase I is Involved in Both Repression and Activation of Transcription," Nature, Volume 365, September 16, 1993, pp. 227-232.		
EXAMINER	MAN 1	DATE CONSIDERED 11/21/67	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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